

Find and improve your location's accuracy

Sometimes Google Maps might have trouble finding where you are located. If the GPS location of your blue dot on the map is inaccurate or the blue dot is not showing up, here are some things you can do to help fix the problem.

Tip: This will also improve your search results and make them more relevant to you.

[Android](#) [Computer](#) [iPhone & iPad](#)

See your current location on the map

1. On your Android phone or tablet, open the Google Maps app  Google Maps.
2. You'll see a blue dot, which shows where you are. If you don't see a blue dot, go to the bottom and tap Your location



How Maps finds your current location

Maps estimates where you are from sources like:

- **GPS:** This uses satellites and knows your location up to around 20 meters. **Note:** When you're inside buildings or underground, the GPS is sometimes inaccurate.
- **Wi-Fi:** The location of nearby Wi-Fi networks helps Maps know where you are.
- **Cell tower:** Your connection to a cellular network can be accurate up to a few thousand meters.

Turn on high-accuracy mode

To help Google Maps find your location with the most accurate blue dot, use high-accuracy mode.

1. On your Android phone or tablet, open the Settings app .
2. Tap **Location**.
3. At the top, switch location on.
4. Tap **Mode** > **High accuracy**.

More ways to improve location accuracy

If your location is still wrong, here are some things you can try.

[Turn on Wi-Fi](#)

[Restart your phone or tablet](#)

[Calibrate your phone or tablet](#)

What the blue dot means

The blue dot shows you where you are on the map. When Google Maps isn't sure about your location, you'll see a light blue circle around the blue dot. You might be anywhere within the light blue circle. The smaller the circle, the more certain the app is about your location.

Notes:

- If the blue dot is not showing, or the dot is gray, this means that we can't find your current location and we're showing you the last location you visited.
- If there's something between you and cell towers, like a parking garage or tall buildings, your blue dot might not be accurate.

See your location on other sites and apps

To see your location in Google Maps on other sites and apps, follow the steps above. However, some things will be different:

- You will use a different site or app, not Google Maps.
- You first need to give location permission to the site or app used, not Google Maps.
- If you opened Google Chrome or Safari, you'll only find your location on secure web pages. You'll see "https" in the address bar.

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